

100% of the luminaires in a kitchen must be high efficacy.

In bathrooms, garages, laundry rooms, and utility rooms, at least one luminaire in each of these spaces shall be controlled by a vacancy sensor.

Bedrooms, living rooms, family rooms, and other rooms used for living and sleeping must have high efficacy lighting, and may require an occupant sensor with a manual-on/auto-off feature, or dimmers.

Exterior lighting must be high efficacy, a photocell and motion sensor may be installed.

TITLE 24 RESIDENTIAL LIGHTING STANDARDS

Permanently installed luminaires that have plug-in or hardwired connections for electric power must comply with the mandatory energy requirements summarized below:

ROOM	% HIGH EFFICACY ^{1, 2}	OPTIONS
KITCHEN	100% ³	
CABINET LIGHTING	100%	Under-cabinet lighting shall be switched separately from other lighting.
BATHROOM	100%	Vacancy Sensor ⁴
GARAGE	100%	Vacancy Sensor ⁴
LAUNDRY ROOMS	100%	Vacancy Sensor ⁴
UTILITY ROOMS	100%	Vacancy Sensor ⁴
CLOSETS > 70 SF	100%	Vacancy Sensor ⁴
ALL OTHER ROOMS ⁵	100%	Vacancy Sensor ⁴ or Dimmer
EXTERIOR ⁶	100%	Controlled by manual on/off switch and one of the following: motion sensor, photo control and automatic time switch control, astronomical time clock, or EMCS ⁷

1. High efficacy lighting contains pin-based sockets and includes fluorescent with electronic ballasts, metal halide, high pressure sodium, and certified LED lighting.
2. Luminaires recessed into insulated ceilings must be approved for zero clearance insulation contact (IC) and rated and labeled as air tight (AT).
3. 100% of the total lighting wattage (based on the max. lamp rating) in a kitchen is required to be high efficacy.
4. All Occupant Sensors Control Types shall be programmed to turn OFF all or part of the lighting no longer than 20 minutes after the space is vacated of occupants, except as specified by Section 130.1(c)8.
5. Includes bedrooms, living, dining and family rooms, club houses, home offices, and enclosed patios. Closets that are less than 70 sf in area and hallways are exempt from this requirement.
6. Lights around pools and water features subject to California Electrical Code Article 680 are exempt.
7. Energy management control system.